

ABSTRACT

5 In a process for the use of a hydrocarbon feedstock (10) by reacting the feedstock in
a reactor (11) with oxygen (9) to form a synthesis gas containing at least carbon
monoxide, carbon dioxide and hydrogen and subjecting the synthesis gas to a
conversion process comprising an exothermic reaction to produce methanol as a
final product in a converter (15), the converter operating at an operating pressure,
said oxygen being provided to the reactor at an oxygen pressure, the synthesis gas
10 is produced at a pressure higher than the operating pressure of the converter.